

# Linde Nitrogen Unit Area

4 samples

## ATTACHMENT A

### SOIL ANALYSIS PROCEDURES

Offsite  
250-500 ml glass  
Onsite  
1000 ml glass

<u>Parameter</u>	<u>Method</u>
pH	<u>Chemistry of the Soil</u> , 2nd ed., Reinhold Publishing Co., 1964, p. 500.
Total Petroleum Hydrocarbons (TPH)	<u>Standard Methods for the Examination of Water and Wastewater</u> , 16th ed., American Public Health Association, 1985, Method 503E.
Polychlorinated Biphenyls (PCBs)	<u>Test Methods for Evaluating Solid Waste, Physical/Chemical Methods</u> , SW-846, United States Environmental Protection Agency, July 1982 or analyze as part of 8080 (below).  Method 3540 (Extraction) Method 8080 (Analysis)
GC/MS for Priority Pollutants if needed	<i>Offsite</i> Method 3540 (Extraction) Method 8270 (Semi-Volatile Organics Analysis) Method 8080 (PCBs/Pesticides Analysis) Method 8240 (Volatile Organics)
TCLP	SW-846 Method 1310 (Extraction) SW-846 Method 7061 (Analysis, As) SW-846 Method 7080 (Analysis, Ba) SW-846 Method 7130 (Analysis, Cd) SW-846 Method 7190 (Analysis, Cr) SW-846 Method 7420 (Analysis, Pb) SW-846 Method 7470 (Analysis, Hg) SW-846 Method 7741 (Analysis, Se) SW-846 Method 7760 (Analysis, Ag)
Total Metals	SW-846 Method 3050 (Digestion for Ag, Ba, Cd, Cr, Pb; analysis by methods listed above for EP Toxicity Metals)  SW-846 Method 7061 (As) SW-846 Method 7471 (Hg) SW-846 Method 7741 (Se)